means (40) are arranged for transferring an amount of electrical energy from said input to said energy storage means (L), such that during use said first output of said DC/DC converter (30) provides a voltage Vout1 and said second output of said DC/DC converter (30) provides a voltage Vout2, wherein Vout1 $<$ Vin and Vout2 $>$ Vout1.

7. A portable electronic appliance (50) comprising a DC/DC up/down converter (30) according to claim 1.

REMARKS

The foregoing amendments to claims 4-7, were made solely to avoid filing the claims in the multiple dependent form so as to avoid the additional filing fee.

The claims were not amended in order to address issues of patentability and Applicant respectfully reserves all rights he may have under the Doctrine of Equivalents. Applicant furthermore reserves his right to reintroduce subject matter deleted herein at a later time during the prosecution of this application or continuing applications.

Respectfully submitted,

By____________________

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APPENDIX

4. A DC/DC up/down converter (30) according to claim 2 ~~or 3~~, wherein said switching means (S1, S2, S3) comprise semiconductor switching means, in particular MOS (Metallic Oxide Semiconductor) transistor means.

5. A DC/DC up/down converter (30) according to claim 2,~~ 3 or 4~~ further comprising capacitors (C1;C2) parallel connected to said first and second output terminals (33, 34) and said third and fourth output terminals (35, 36).

6. A power supply (45) comprising a DC/DC up/down converter (30) according to claim 1~~ any of the previous claims~~, arranged for receiving a DC input voltage Vin at its input, and wherein said control means (40) are arranged for transferring an amount of electrical energy from said input to said energy storage means (L), such that during use said first output of said DC/DC converter (30) provides a voltage Vout1 and said second output of said DC/DC converter (30) provides a voltage Vout2, wherein Vout1 < Vin and Vout2 > Vout1.

7. A portable electronic appliance (50) comprising a DC/DC up/down converter (30) according to claim 1~~ any of the previous claims~~.